

Reference 3

Not BORA Dutt

| SEDA no LYCTI PRELIMINARY   | RDOUS WASTE SITE  ASSESSMENT  TION AND ASSESSMENT  I. IDENTIFICATION  OI STATE 02 SITE NUMBER  ILD 059995423 |
|---|--|
| II. SITE NAME AND LOCATION  |  |
| 01 SITE NAME (Legal, common, or descriptive name of site)   | 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER  |
| Sich la cuent + Ct. Di. +   | 2501 N KINGS HWY   |
| Swift AG CHEM-Fairment City Plant   | 104 STATE 05 ZIP CODE 108 COUNTY 107 COUNTY 107 COUNTY 107 COUNTY 107 COUNTY 107 COUNTY 108 CONG             |
| Justit C i  | CODE DIST  |
| East St. Louis  | IL 6/107 ST ClAIRE 163 21  |
| 09 COORDINATES LATITUDE LONGITUDE   |  |
| 38 52 58.0 090 10 20.0  | French Village IL 7.5 Quad (225)   |
| 10 DIRECTIONS TO SITE (Starting from nearest public road)   |  |
| III. RESPONSIBLE PARTIES  |  |
| 01 OWNER (# known)  | 02 STREET (Business, melling, residential)   |
| Swift Agricultural Chemical Corp.   | 2501 N. Kings highway  04 STATE OS ZIP COOE JOS TELEPHONE NOMBER   |
| 03 CITY   | 04 STATE 05 ZIP CODE OG TELEPHONE NOMBER   |
| Fact St. Louis  | IL 62202 1 )   |
| 07 OPERATOR (# known and different from owner)  | OB STREET (Business, mailing, residential)   |
| C   |  |
| Same<br>logary  | 10 STATE 11 ZIP CODE 12 TELEPHONE NUMBER   |
| I Walt  | 1  |
| ·   | ( ) .  |
| 13 TYPE OF OWNERSHIP (Check one)  # A. PRIVATE   B. FEDERAL:  | C. STATE ID.COUNTY I E. MUNICIPAL  |
| (Agency name)   |  |
| ☐ F. OTHER:(Specify)  | D-G. UNKNOWN   |
| 14 OWNER/OPERATOR NOTIFICATION ON FILE (Check at that apply)  □ A, RCRA 3001 DATE RECEIVED: // MONTH DAY YEAR □ B, UNCONTROLL | LED WASTE SITE (CERCLA 103 c) DATE RECEIVED: MONTH DAY YEAR  |
| IV. CHARACTERIZATION OF POTENTIAL HAZARD  |  |
| OT ON SITE PISPECTION  OF YES DATE 18 19 19 19 19 19 19 19 19 19 19 19 19 19  | A CONTRACTOR D. C. STATE D. OTHER CONTRACTOR   |
| CONTRACTOR NAME(S):   |  |
| 02 SITE STATUS (Check one) 03 YEARS OF OPER   | ATION  |
| □ A. ACTIVE □ B. INACTIVE Ø C. UNKNOWN  | & UNKNOWN  |
| 04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED  | BEGINNING YEAR ENDING YEAR   |
| Agricultural Chemicals (pesticides,   | , her bicides, etc.)   |
| 05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION   |  |
| ground water (population) Surface water (population /environment  | t)   |
| V. PRIORITY ASSESSMENT  |  |
| 01 PRIORITY FOR INSPECTION (Check one. If high sti medium is checked, complete Part 2 · Waste Info.                           | metion and Part 3 - Description of Hazardous Conditions and Incident   |
| □ A. HIGH (Inspection required promptly)  □ B. MEDIUM (Inspection required)  □ C. LOW (Inspection required)                   | D. NONE  |
| VI. INFORMATION AVAILABLE FROM  |  |
| O1 CONTACT O2 OF LIGENCY/Organia  Robert Britt Plaint   | Manager ()   |
| 105 AGENCY LEPA  EPA FORM 2070-12 (7-81)  | RPMS 12171782 6760 MONTH DAY YEAR  |



### POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 2 - WASTE INFORMATION

| I. IDEN1 | TIFICATION     |
|----------|----------------|
| 01 STATE | 02 SITE NUMBER |
| 140      | 059995423      |

| II. WASTE ST  | ATES, QUANTITIES, AN                                | ID CHARACTER              | ISTICS   |  |  |                    |                                       |
|---------------|---|---------------------------|--|--|--|--------------------|---------------------------------------|
|               | TATES (Check of that apply).                        | 02 WASTE QUANTI           | ITY AT SITE                                      | 03 WASTE CHARACTE                                | ERISTICS (Check all that ap            | p(y)               |                                       |
| A SOLID       | E SLURRY  | (Measures of<br>must be   | of waste quantities<br>interpendent              | (A)roxic   | E. SOLUE                               | BLE I HIGHLY V     | OLATILE                               |
| B POWDER      | R. FINES (F) LIQUID                                 | TONS                      |  | B CORROS   | SIVE F-INFECT                          | TIOUS J EXPLOSI    |                                       |
| C SLUDGE      | Ğ GAS   | CUBIC YARDS               | UNKNOWN  | D PERSIST  |  | BLE L. INCOMP      | ATIBLE .                              |
| .: D OTHER    | (Specify)   | NO OF DRUMS               | DINKING  |  |  | M NOT AP           | PLICABLE                              |
| ·····         |   | - NO OF BROKES            |  | <u> </u>   |  | <u></u> i          | · · · · · · · · · · · · · · · · · · · |
| III. WASTE TY |   |                           | <del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del> | Ţ <del></del>                                    | · · · · · · · · · · · · · · · · · · ·  | <del></del>        |                                       |
| CATEGORY      | SUBSTANCE N   | AME                       | 01 GROSS AMOUNT                                  | 02 UNIT OF MEASURE                               | 03 COMMENTS                            |                    |                                       |
| SLÚ           | SLUDGE  |                           | <del></del>                                      |  | · · · · · · · · · · · · · · · · · · ·  |                    |                                       |
| orm           | OILY WASTE  | <u> </u>                  |  |  |  |                    |                                       |
| SOL           | SOLVENTS  | <u> </u>                  | <u> </u>   |  |  |                    | i                                     |
| PSD           | PESTICIDES  |                           | UNKNOUN  | UNKNOWN  |  |                    |                                       |
| occ           | OTHER ORGANIC CH                                    | 1EMICALS                  | UNKNOWN  | UNKNOWN  |  |                    |                                       |
| IOC           | INORGANIC CHEMIC                                    | ALS                       | Ø  |  |  |                    |                                       |
| ACD           | ACIDS   |                           | INKNOWN  | UNKNEWN  | Sulfaric Ac                            | id                 |                                       |
| BAS           | BASES   | ·                         |  |  | 1                                      |                    |                                       |
| MES           | HEAVY METALS  |                           |  |  |  |                    |                                       |
| IV. HAZARDO   | OUS SUBSTANCES IS A                                 | apendia for most frequent | tly cited GAS Numbers)                           | -  |  |                    |                                       |
| 01 CATEGORY   | 02 SUBSTANCE N                                      | AME                       | 03 CAS NUMBER                                    | 04 STORAGE DISE                                  | POSAL METHOD                           | 05 CONCENTRATION - | 06 MEASURE OF<br>CONCENTRATION        |
| 1             |   |                           |  |  |  |                    |                                       |
|               |   |                           |  |  |  |                    |                                       |
|               | · · · · · · · · · · · · · · · · · · ·               |                           |  | <del>                                     </del> |  |                    |                                       |
|               |   |                           | <del> </del>                                     |  | <del></del>                            |                    |                                       |
| <del></del>   | <del>* _ · · · · · · · · · · · · · · · · · · </del> |                           |  | <del>                                     </del> |  |                    |                                       |
|               |   |                           | <del> </del>                                     | <del>                                     </del> |  |                    | <u> </u>                              |
|               | · · · · · · · · · · · · · · · · · · ·               |                           | <del> </del>                                     | <del> </del>                                     | <del></del>                            |                    | <del></del>                           |
| <del></del>   | <del>,</del>  |                           | <del> </del>                                     | <del> </del>                                     | <del></del>                            |                    | <del></del>                           |
|               |   | <del></del>               | <del> </del>                                     | <del>                                     </del> |  | ····               |                                       |
| <del></del>   | <del></del>   |                           | <del> </del>                                     | <del> </del>                                     |  |                    |                                       |
|               |   |                           | <del> </del>                                     | <u> </u>   |  |                    |                                       |
|               | <del></del>   |                           | <u> </u>   |  |  |                    |                                       |
|               |   |                           | <del></del>                                      | <u> </u>   | ······································ |                    |                                       |
|               | · · · · · · · · · · · · · · · · · · ·               |                           |  | <u> </u>   |  |                    |                                       |
|               |   |                           |  | <u> </u>   |  |                    | · · · · · · · · · · · · · · · · ·     |
|               | <u> </u>  |                           |  |  |  |                    |                                       |
| }             | i<br>I  |                           |  |  |  | ·                  |                                       |
| V. FEEDSTO    | CKS (See Appendix for CAS Numbe                     | 10/5)                     |  | <u></u>  |  |                    | •                                     |
| CATEGORY      | 01 FEEDSTOC   |                           | 02 CAS NUMBER                                    | CATEGORY   | 01 FEEDSTO                             | OCK NAME           | 02 CAS NUMBER                         |
| FDS           | <del></del>   |                           | <del>                                     </del> | FDS  |  | <del>-</del>       |                                       |
| <del></del>   |   |                           | <del> </del>                                     | FDS  | ·····                                  |                    | <del>-</del>                          |
| FDS           |   |                           | <del> </del>                                     | <del> </del>                                     | <del></del>                            |                    |                                       |
| FDS           |   |                           | <del></del>                                      | FDS  |  |                    |                                       |
| FDS           |   |                           | <u> </u>   | FDS  | ···· ·· <del>·</del> · ···             | L                  |                                       |
| VI. SOURCES   | S OF INFORMATION (Cite                              | specific references, e.g. | , state lifes, sample analysis.                  | reports )  |  |                    |                                       |
| T- 1-         | PA Division   | ) File .                  | -11/10   |  |  |                    |                                       |
| $\bot$        | F.A WIVISION  | N PILE                    | VVAIER   |  |  |                    |                                       |
|               |   |                           |  |  |  |                    | •                                     |
|               |   |                           |  |  |  |                    |                                       |
|               |   |                           |  |  |  |                    |                                       |

# SEPA

# POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

1 STATE 02 SITE NUMBER

TLU 0.59 995 423

| PART 3 DESCRIPTION OF IT   | AZARDOUS CONDITIONS AND INCIDENTS                                | <u> </u>                                   |
|--|--|--|
| II. HAZARDOUS CONDITIONS AND INCIDENTS                                       |  |  |
| 01: 4. GROUNDWATER CONTAMINATION 55,000                                      | 02 DOBSERVED (DATE) 04 NARRATIVE DESCRIPTION                     | POTENTIAL ALLEGED                          |
| Percolation of fertilizers   | - and Agricultural Chem  | ical froducts into                         |
| groundwater.   | ,  |  |
| 01 28 SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: 55,000 | 02 POBSERVED (DATE: 082173 ) 04 NARRATIVE DESCRIPTION            | E: POTENTIAL :: ALLEGED                    |
| It was observed that a milky mate<br>Swift Agilhem. Property. The draining   | erial (white) filled a drainage<br>e ditch drains directly to Re | ditch reading trum                         |
| 01 C: C. CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED:            | 02 OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION                     | POTENTIAL C: ALLEGED                       |
|  |  | -<br>- · · · · · · · · · · · · · · · · · · |
| 01 © D. FIRE/EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED:        | 02 ☐ OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION                   | L. POTENTIAL C ALLEGED                     |
|  |  |  |
| 01 □.E. DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED:                   | 02 (2) OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION                 | POTENTIAL CALLEGED                         |
|  | . •  |  |
| 01 : F. CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED: (Acres)          | 02  OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION                    | POTENTIAL ALLEGED                          |
| ·  |  |  |
| 01 E. G. DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED:    | 02 LJ OBSERVED (DATE) 04 NARRATIVE DESCRIPTION                   | E POTENTIAL E ALLEGED                      |
| A+B  |  |  |
| 01 (1) H. WORKER EXPOSURE/INJURY 03 - WORKERS POTENTIALLY AFFECTED:          | 02 () OBSERVED (DATE) 04 NARRATIVE DESCRIPTION                   | E POTENTIAL E ALLEGED                      |
|  |  |  |
| 01 II I. POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED:      | 02 (i) OBSERVED (DATE: ) 04 NARRATIVE DESCRIPTION                | D POTENTIAL S ALLEGED                      |
| •  |  |  |
|  |  |  |

| 2 | <b>EPA</b> |
|---|------------|
| W |            |

# POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT TARRESCRIPTION OF HAZARDOUS CONDITIONS AND INCI

| Ì | ı. | IDENT | <b>FIFICA</b> 1 | NOIT          |
|---|----|-------|-----------------|---------------|
| Ì |    | CTATE | 00 000          | A # 14 40 C D |

11 STATE 02 SITE NUMBER 140 059 99 5423

| PART 3 - DESCRIPTION OF HA  | ZARDOUS CONDITIONS AND INCIDENTS               |               |           |
|---|--|---------------|-----------|
| IL HAZARDOUS CONDITIONS AND INCIDENTS (Contract)  |  |               |           |
| 01 🗆 J. DAMAGE TO FLORA<br>04 NARRATIVE DESCRIPTION   | 02 C OBSERVED (DATE:)                          | ☐ POTENTIAL   | □ ALLEGED |
| 01   K. DAMAGE TO FAUNA 04 NARRATIVE DESCRIPTION (Include name(s) of species)   | 02 OBSERVED (DATE:)                            | D POTENTIAL   | ☐ ALLEGED |
| 01 (1) L. CONTAMINATION OF FOOD CHAIN 04 NARRATIVE DESCRIPTION  | 02   OBSERVED (DATE:)                          | POTENTIAL     | □ ALLEGED |
| 01 ( ) M UNSTABLE CONTAINMENT OF WASTES (Soits runoff steeding founds feeding drums) 03 POPULATION POTENTIALLY AFFECTED.  | 02   OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION | □ POTENTIAL   | □ ALLEGED |
| 01 (1 N DAMAGE TO OFFSITE PROPERTY<br>04 NARRATIVE DESCRIPTION  | 02 () OBSERVED (DATE:)                         | □ POTENTIAL   | ALLEGED   |
| 01 C O CONTAMINATION OF SEWERS, STORM DRAINS, WWTPS<br>04 NARRATIVE DESCRIPTION   | 02 OBSERVED (DATE:)                            | □ POTENTIAL . | □ ALLEGED |
| 01 [] P. ILLEGAL/UNAUTHORIZED DUMPING 04 NARRATIVE DESCRIPTION  | 02 C) OBSERVED (DATE:)                         | ☐ POTENTIAL   | □ ALLEGED |
| 05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEC  | DED HAZAROS                                    |               |           |
| III. TOTAL POPULATION POTENTIALLY AFFECTED:   | 3,000  | <del></del>   |           |
|   |  |               |           |
| V. SOURCES OF INFORMATION (CAR EXPECTICATION OF STATE OF | sample enalysis, reports)                      |               |           |
|   | •  |               |           |

### **EXECUTIVE SUMMARY**

Swift Agricultural Chemical Corporation, ILD059995423, is located at 2501 North Kings Highway in the City of East St. Louis, Illinois. This facility manufactures agricultural chemical products.

On August 21, 1973, this facility discharged a milky white material into a drainage ditch that drains directly into Rose Creek. The material discharged was believed to be sulfuric acid. The Division of Water Pollution Control, along with USCG, investigated this incident.

A site inspection is needed for this facility to gather more information. A medium priority is assigned.

KP:tk:4/10/8(4/11/86)

MEMORANDUM RECEIVED Field Operations Section

ST. CLAIR COUNTY - SWIFT AGRICULTURAL CHEMICALS (Fairmont City)

MAY 1 3 1975

Environmental Protection Agency
State of Illinois

TO: Division of Water Pollution Control, Field Operations Section

FROM: Eric W. Merz, Collinsville Unit

DATE: March 7, 1975

INTERVIEWED: Mr. Robert Britt, Plant Manager

On the above date the writer visited the subject industry in response to a phone call from Mr. Marvin King, Agency biologist.

Mr. King was performing biological stream survey work in the area when he observed that the water in the drainage way adjacent to the industry was green.

At the time of the writer's visit the water in the drainage way was relatively clear. Conversation with Plant Manager Robert Britt revealed, however, that runoff from the plant grounds does occassionally cause the water in the drainage way to become green. Mr. Britt said the green of or is from a dye that is used to color fertilizer manufactured at the plant. Mr. Britt did not know the chemical composition of the dye.

The writer informed Mr. Britt of possible violations of law due to the discoloration of the waterway and asked that steps be taken to control the dye. Mr. Britt indicated all possible measures would be taken to insure that the dye stays within the plant and not accidentally spilled where it might be washed away.

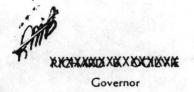
The writer will return to the facility in the near future. If discoloration is found a sample will be collected, pictures will be taken, and an appropriate letter will be forwarded to the industry.

The above is for your information.

EWM/cas 5/8/75

cc: Region IV

INE





ENVIRONMENTAL PROTECTION AGEN

STATE OF ILLINOIS

## ENVIRONMENTAL PROTECTION AGENCY

September 27, 1973

ST. CLAIR COUNTY - Swift Agricultural Chemical Corp. Chemical Discharge (Fairmont City)

REPLY TO:

117 West Main Street Collinsville, 111. 62234

RECEIVE Phone: 618/345-6220

SURVEILLANCE SECTION

Swift Agricultural Chemical Corp. 2501 Kingshighway East St. Louis, Illinois 62202

SFP 28 1973

Gentlemen:

**ENVIRONMENTAL PROTECTION AGENCY** STATE OF ILLINOIS

On August 21, 1973 technical representatives of this Agency investigated a report concerning the discharge of a chemical substance from your property. Mr. Robert Britt, plant manager, was contacted during the investigation.

The investigation revealed that a discharge was not occurring at the time of the visit. It was apparent, however, that a large volume of a milky white substance apparently had recently been discharged to a drainage ditch adjacent to your property. Laboratory analysis of a sample from the drainage ditch revealed the liquid to be highly acidic and containing excessive concentrations of numerous contaminants.

We trust that you are aware that discharges of this type may constitute a violation of the Environmental Protection Act and related Water Pollution Requlations.

Very truly yours,

ENVIRONMENTAL PROTECTION AGENCY

James B. Coyne, Supervisor Mississippi Direct Sub-Unit Surveillance Section, DWPC

EWM/cas

DWPC-Records Unit Mississippi Basin

In the New Illinois, we accommodate!

2200 CHURCHILL ROAD AT 2400 WEST JEFFERSON SPRINGFIELD, ILLINOIS 62706

## MEMORANDUM

ST. CLAIR COUNTY - Swift Agricultural Chemical Corp.

Chemical Discharge
(Industrial Waste)

TO: Division of Water Pollution Control, Surveillance Section

FROM: Eric W. Merz, Mississippi Direct Sub-Unit

DATE: August 21, 1973

INTERVIEWED: Lt. Donald Payne - U.S. Coast Guard

Mr. Robert Britt, Plant Manager, Swift Fertilizer

In the afternoon of the above date Lt. Donald Payne of the U.S.C.G. telephoned this office to advise the Agency that the Swift Agricultural Chemical Company in Fairmont City had discharged an unknown volume of white material from a chemical tank they were in the process of repairing. Lt. Payne said the Coast Guard became aware of the problem the morning of the above date and immediately requested the company to abate the discharge. The company complied.

At approximately 3:00 PM on the above date, C. V. Beck and the writer arrived at the Swift Company. A discharge was not observed. It was observed, however, that a white milky material filled a drainage ditch leading from Swift property. The drainage ditch drains directly to Rose Creek. The milky substance could be observed in Rose Creek for a distance of approximately 1/2 to 3/4 miles.

After making the above observations, Mr. Robert Britt, Swift Agricultural Chemical Company plant manager, was contacted. Mr. Britt indicated that company personnel were cleaning out a spent Sulphuric Acid tank (Sulphuric Acid is used in the manufacturing process of some fertilizers) with water and in turn discharging the water to the above described drainage ditch. Mr. Britt said a 4 inch sludge deposit in the bottom of the tank had to be flushed out in order to repair a leak. Mr. Britt did not know the amount of water that was discharged, but did say he was of the opinion that a sufficient amount of water was used to adequately dilute the sulphuric acid sludge layer in the tank. Mr. Britt also said that the company would not discharge any additional material in the tank.

A sample of the remaining water mixture in the tank and a sample of the water in the drainage ditch at the apparent point of discharge were collected. The results are as follows: (copies of analysis sheets are attached)

|                     | "TANK"       | "DITCH"      |
|---------------------|--------------|--------------|
| Iron (total) mg/l   | 790.         | 350.         |
| Manganese mg/1      | 1.2          | 1.6          |
| Mercury ppb         | 55.          | 105.         |
| Ammonia (N) mg/l    | 50.0         | 125.         |
| Phosphorus (P) mg/1 | 20.0         | 50.0         |
| B.O.D. mg/1         | Interference | Interference |
| C.O.D. mg/1         | 31,000       | 26,000       |
| Susp. Solids mg/l   | 1,600        | 135          |
| pH                  | 0.9          | 1.2          |
| Turbidity (JTU)     | 10,000       | 5,000        |
| Total Acidity mg/l  | 38,000       | 21,000       |

'ST. CLAIR COUNTY - Swift Agricultural Chemical Corp.
Chemical Discharge
(Industrial Waste)

Page 2

An appropriate letter to the company is attached.

The above is for your information.

EWM/cas 10/15/73

cc: Mississippi Basin

P.S. C. V. Beck took photographs of the Rose Creek drainage the following day. He is preparing a separate memo.

| Ainois envir            | ONNENTAL PROTECTION | AGENCY DIVISI           | ON OF WATER POL | LUTION CONTROL   |
|-------------------------|---------------------|-------------------------|-----------------|--|
|                         | SPECI               | AL ANALYSIS FOR         | М               | R  |
| Alected 4:45            |                     | 1 •                     | n Mill Dix      | t  |
| Scottected Avy 22       |                     | Collecto                | RIA             | and a state of the |
| fility Name:            | Facility Numb       |                         | File Town       | Lovie P.O.)  |
| ream Name(s) Rose Cree  |                     | TAIP MARK               | Stream Code:    | 2011   |
| arce of Sample: (Exact  |                     | i                       |                 |  |
| Discharge - (Dizent     | ) from bottom .     | + spent sul             | furic Acid st   | orage tank wel a   |
|                         |                     |                         |                 | edye, discharged to ditch  |
| usical Observations, Re |                     | 79°F                    |                 |  |
| Wasternate we would     |                     | mere arev t             | hen maky whit   | <b>E</b>   |
|                         |                     |                         | -               |  |
| Direct Fie              | ld Dissolved Oxygen | F                       | ield pH         | Field Temp.  |
| Arsenic                 |                     | Caliform/100ml          | INJERFE         | RENCE  |
| Barium                  |                     | Fecal Coliforn          | 31,00           | 10 (60)  |
| Boron                   |                     | Fecal Strep             |                 | TS/EC  |
| Cadmium                 |                     | 100 ml<br>Algae (Total) | 160             |  |
| Coppex                  |                     | Ammonia (N)             |                 | Vol. Susp. Solids  |
| Chromium (tr            |                     | Organic Nitro           | (un (N) O,      |  |
| Chrom:um (he            | 2x)                 | _Nitrate + Nitr         | ite(N) 1000     |  |
| 790. Gron (1002)        | 30.0                | Phosphorus (2)          |                 | Hardness   |
| Iron Disso              | lved)               | Chloride                |                 | Alkalinity   |
| Lead                    |                     | Fluoride                | 38,0            | 100 Rotal Acidity  |
| 1,2 Ranganese           |                     | Sulfate                 | No To           | STO Free Acidicy   |
| 55, Mercuty             | Preservative        | Cyantoe                 |                 | 011  |
| Nickel                  | in Simple Brill     | MBAS                    | ,               | Other (Specify)  |
| Selenium                |                     | Phenol (ppb)            |                 |  |
| Silvar                  | Transported by:_    |                         | A162            | LAB USE OULT Par 44  |
| Zine '                  | Received by:        |                         | Date sample re  | UG 23 1973 Time. 3 P   |
|                         | ,                   |                         | Date analysis   | completed: 8/30  |
|                         | Transported by:_    |                         | Total Musts ire | quested: 3 Tusts Take  |
|                         | Received by         |                         |                 | 1101 Superv Sole Mit   |

SPECIAL ANALYSIS FORM

| Collected Availity Name:  if Assignified Character of Sample: (Example the Character of Sample) | 1973 Frencial Co.  contact Location  A Rose Contact | n)  | Colle              | File I         | Cown (B. 51. 4.  Code:   | Anerica 2in   |  |
|---|---|---|--------------------|----------------|--|---------------|--|
| Ran Pontral R.R.<br>visical Observations  | fore bake y   | land.   |                    |                |  |               |  |
| Clear 79 F.   | Weters  | Gray Mi   | IKy White.         |                |  |               |  |
| nu Very Slight  | Field Diss  | olved Oxve  | en                 | Field pH       |  | Field Temp.   | ACCESSOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CO |
| Arsenic   |   |   | Colitorm/10        | On I           | INTERFEREN   | Ver           |  |
| Barium  |   |   | Fecal Colff        |                | 26,000   | (300)         |  |
| Boron   |   |   | 100<br>Fecal Strep | m I.           |  | _rs/FC        |  |
| Cadmium   | e   |   | 100<br>Algae (Tota | _m]<br>_L1 /mL | 135  | Susp. Sol [d] | •  |
| Copper  |   | 795.0   | ammonta (N)        |                |  | Val. Suap. Sc | olida .  |
| Chromiun  | (tri)   |   | Organic bit        | rogen (21)     | 1, 2   | (Milla)       |  |
| Chromiun  | (hex)   |   | Nitrate + N        | Hirto(N)       | 5000   | Turbidity (   | (170)  |
| 350. From (1)   | (al)  | 50,0  | Phrapitorus        |                | C regions detaconfilmentario de Conque   | Hardness      |  |
| Iron (Di  | ssolved)  |   | Chloride           |                | The state of the s | Alle the it.  |  |
| Lead  |   |   | Fluoride           |                | 21,000   | Cotal wid     |  |
| 16 Gangania   |   | Company of Palling St. Code & S.J. St. 100, Sec. annual con-  | . Sullate          |                | No Test  | A read action |  |
| 10%, Mercur (   | Ppb)  | N. V. CAMPBOOL COM.   | 60 V.              | ,              |  | _0(1          |  |
| Nickel  |   | promote and the second | MBAS               |                |  | Other (Spec   | cltvi  |
|   |   |   | Phenol (pph        | )              | L'OP TAR   | LUSE ONLY O'  | The Contract   |
| Silver  | Trans   | ported by   |                    | Lab Num        | 140200   | Rec'd by      | 410  |
| Inc   | Recei   | ved by:   |                    | Date 4a        | mple Actida  | 1013 Line     | . > 1  |
| sults in mg/1 unlestherwise noted.  | rans Trans  | ported by   |                    | 1              |  | oletein 3/3   | 1  |
|   | Recei   | ved by:   |                    | 1//) 0 /       | 1 1 1  | Led: Dest     | mace.  |

## STREET GUIDES

| •                 |     |                 |        |           |           |                       |
|-------------------|-----|-----------------|--------|-----------|-----------|-----------------------|
| CHURCH LN         | P8  | MC HENRY ST     | E10    |           | G11       | COLLINSVILL           |
| CIRCLE RD         | Q7  | MELODY LN       |        |           | F10       | COLLINSVILL           |
| CLEVELAND AV      | H10 | MICHAEL         |        |           | G11       | COOKSON RD            |
| COLAS AV          | F10 | MICHIGAN AV     |        |           | G10       | DELMAR AV DRUMMOND ST |
| COLLINSVILLE AV   | G12 | MISSISSIPPI AV  |        |           |           | FAIRMONT AV           |
| COLUMBIA PL       |     | MISSOURI AV     | Н9     |           |           | KINDER DR             |
| COLUMBIA ST       |     | MONROE AV       | J13    |           | F9        | KINGS HIGHW           |
| CONVERSE AV       | H8  | MORGAN          | F9     |           | H10       | KOENIGSMARK           |
| COOK ST           | E9  | MORRIS AV       | J13    |           | F9        | LOCUST DR             |
| COTTAGE LN        | H12 | NATALIE LN      |        |           | H10       | MAPLE ST              |
| COURTLAND PL      | H10 | NECTAR AV       |        |           | H10       | MARYLAND AV.          |
| D ST S            |     | NORTH PARK DR   |        |           | F8        | THOMAS AV             |
| DE COUAGNE DR     |     | OAKLEIGH LN     |        |           |           | VIRGINIA ST           |
| DICKMAN PL        |     | OHIO AV         | G12-M9 |           | G9        | WOODROW AV            |
| DIVISION AV       |     | OLIVER ST       |        |           | H9-J12    | 31ST ST-N             |
| DONOVAN PL        |     | ORR AV          |        |           |           | 32ND ST-N             |
| DOUGLAS AV        |     | PARADISE AV     | E9     |           |           | 33RD ST-N             |
| DREW LN           |     | PARK DR         |        |           | 110-J12   | 34TH ST-N             |
| DUBOIS LN         |     | PARSONS AV      |        |           | 110       | 35TH ST-N             |
| ESTS              | G13 | PENNSYLVANIA AV | G12    | 25TH ST-M |           | 37TH ST-N             |
| EDOUARD DR        |     | PERSHING BL     |        | 26TH ST-N | J13       | 38TH ST-N             |
| EUREKA AV         |     | PETITE DR       |        |           | Н8        | 39TH ST-N             |
| EVERGREEN CT      |     | PIGGOTT AV      | F10    |           |           | 40TH ST-N             |
| EXCHANGE AV       |     | POST PL         | J10    |           | Н8        | 41ST ST-N             |
| FSTS              | F8  | PROJECT DR      |        |           | J10       | 42ND ST-N             |
| FAIR BROTHERS PL  | P7  | PURDUE AV       |        |           | 19        | 43RD ST-N             |
| FALLING SPRING RD |     | QUEBEC DR       | Q7     |           | Н8        | 44TH ST-N             |
| FISHER AV         |     | REED AV         | P8     |           |           | 45TH ST-N             |
| FUNT AV           |     | REGENT PL       |        |           | H8        | 47TH ST-N             |
| FOREST AV         |     | RIDGE AV        | HIOKO  |           | J10       | 49TH ST-N             |
| FOREST BL         |     | RUSSELL AV      |        |           | K12       | 51ST ST-N             |
| FREDERICK AV      |     | ST CLAIR AV     | J11    |           | H8        | 53RD ST-N             |
| FRONT ST-N        |     | ST LOUIS AV     |        |           | J10       | 59TH ST-N             |
| FRONT ST-S        | E12 | ST PHILLIPS DR  | P8     |           | J9        | 60TH ST-N             |
| GST S             |     | SHIPLEY LN      |        |           |           | 61ST ST-N             |
| GATY AV           |     | SHORT ST        |        |           |           | 62ND ST-N             |
| GAY AV            |     | STATE ST        |        |           | J10       | 63RD ST-N             |
| GERTRUDE PL       |     | SUMMIT AV       |        |           | K10       |                       |
| GLASS ST          |     | TERRACE CT      |        | AOTH ST.M | K12       | Nat                   |
| GLENWOOD DR       |     | TERRACE DR      |        |           | K9-K12    | CAHOKIA ST            |
| GODIER OR         |     | THOMPSON DR     |        |           | K10       | CANAL ST              |
| GOELZ DR          | P8  | TIERNEY PL      |        |           | K9-K12    | COMMERCIAL ST         |
| GRAY BL           |     | TRENDLY AV      |        |           | K9-L12    | EXCHANGE AV .         |
| GRIMONT AV        |     | TUDOR AV        |        |           | K9-L12    | FRONT ST              |
| GROSS AV          |     | VALENTINE       |        |           | K9-L12    | INDUSTRIAL S          |
| HSTS              |     | VAN BUREN AV    |        |           | K9-L12    | JONES AV              |
| HALL AV           |     | VASSAR ST       |        |           | L9        | PACKERS AV            |
| HICKORY ST        |     | VICTORY DR      |        |           | L9        | ST CLAIR AV           |
| HILLSIDE DR       |     | VIEUXCARRE DR   |        |           | L9        | STOCKYARD AV          |
| HILLSLOPE DR      |     | VILLAGE PL      |        | 52ND ST-N | L9        |                       |
| HILL TOP PL       |     | VIRGINIA PL     |        |           | L9        |                       |
| HILL TOP VIEW     |     | VISTA DR        | Q8     |           | L9        |                       |
| HOOVER            |     | VOGEL PL        |        |           | L9        | FALLING SPRING        |
| IST S             |     | WABASHA AV      |        |           | L9        | LITTLE AV             |
| ILLINOIS AV       |     | WALNUT ST       |        |           |           | MISSISSIPPI /         |
| J ST S            |     | WALTER ST       |        |           |           | MOBILE AV             |
| JACKSON AV        |     | WASHINGTON PL   |        | SOTH ST.N |           | NICKEL ST             |
| JEFFERSON AV      |     | WASHINGTON ST   |        |           | M9        | OGDEN AV              |
| JOHN ST           |     | WAVERLY AV      |        |           | M9        | PITZMAN AV            |
| JULIA DR          |     | WEIMAN AV       |        | 63RD ST-N |           | QUEENY AV             |
| KANSAS AV         | G10 | WIGGINS ST      |        |           |           | RIVERVIEW AV          |
| KING DR           | H10 | WILFORD AV      |        |           |           | UPPER CAHOKIA         |
| KINGS HIGHWAY     | M9  | WIMMER PL       |        |           | M9        | 144                   |
| KUTTER ST         | F10 | WINTER ST       |        |           |           | Wash                  |
| LA PLEINS DR      |     | WOEST BOUL AV   |        |           |           | ADELAIDE PL           |
| LAKE AV           |     | WOEST BOUL BL   |        |           |           | AUDUBON AV            |
| LAKE BL           |     | WOEST BOUL CT   |        |           |           | AVON PL               |
| LANSDOWNE AV      | F13 | 1ST ST-N        |        | 72ND ST-N | N8        | BALEYDIER AV          |
| LAWRENCE AV       |     | 2ND ST-N        |        |           |           | BUNKUM RD             |
| LEBANON RD        |     | 3RD ST-N        |        |           | 08        | CASEYVILLE AV         |
| LIBERTY ST        |     | 3RD ST-S        |        |           | 08        | CASEYVILLE RD         |
| LINCOLN AV        |     | 4TH ST-N        |        |           | 08        | FOREST BL             |
| LINDEN BI         |     | 4TH ST-S        |        |           | 08        | HALLOWS AV            |
| LINDEN PL         |     | 5TH ST-S        |        |           | 07        | HARRIET AV            |
| LOCUST ST         |     | 6TH ST-N        |        |           | 07        | HILL AV               |
| LOISEL DR         |     | 6TH ST-S        |        |           | 07        | INDUSTRIAL AV         |
| LOOKOUT VIEW DR   |     | 7TH ST-N        |        |           | 07        | KINGS HIGHWAY         |
| LOUISIANA BL      | 19  | 7TH ST-S        | F11    | 84TH ST-N | 07        | LINCOLN AV            |
| LYNCH AV          | 112 | 8TH ST-N        |        |           | P7        | MONK AV               |
| LYON AV           | F13 | 8TH ST-S        |        |           | P7        | NORTH PARK DR         |
| MAIN ST-N         | E11 | 9TH ST-N        |        |           | P7        | PORTLAND PL           |
| MARKET AV         |     | 10TH ST-N       |        |           | P7        | PURDUE AV             |
| MARTELL DR        |     | 10TH ST-S       |        | 981H 21-M | Р7        | VASSAR AV             |
|                   |     |                 |        |           |           | ANGGAM AV             |
| MARY AV           |     |                 |        | Fair      | mont City | WARREN AV             |
|                   | N9  | 11TH ST-S       | F10    |           | mont City | WARREN AV             |

| OHN ST  | M16                             |
|---|---------------------------------|
| OLLINSVILL  | ERD M16                         |
| LMAR AV .   | 814                             |
| UMMOND ST   |                                 |
| IRMONT AV .   | K14                             |
| NGS HIGH  | MAY M15                         |
| ENIGSMARK   | AV                              |
| PLE ST  | K14                             |
| RYLAND AV.  | L15                             |
| LROAD AV.   | J14                             |
| RGINIA ST   | M15                             |
| OODROW AV   | L15                             |
| ST ST-N   | J14                             |
| RD ST-N   | J14                             |
| TH ST-N   | K14                             |
| TH ST-N   | K14                             |
| TH ST-N   |                                 |
| TH ST-N   | K14                             |
| TH ST-N   |                                 |
| ST ST-N   | K14                             |
| RD ST-N   | K14                             |
| TH ST-N   |                                 |
| TH ST-N   | L14                             |
| TH ST-N   | L15                             |
| TH ST-N   | L15                             |
| ST ST-N   | L15                             |
| TH ST-N   |                                 |
| TH ST-N   |                                 |
| ND ST-N   | M15                             |
| RD ST-N   | N16                             |
| N-  | tional City                     |
|   |                                 |
| NAL ST  |                                 |
| MMERCIAL S  | F14                             |
| ONT ST  | ST                              |
| NES AV  | STF15                           |
| IN ST   | G13                             |
| CKERS AV  |                                 |
| OCKYARD AV  | F14                             |
|   |                                 |
| LING SOOM   | Sauget<br>38 ADE8               |
| TLE AV  | AV                              |
| SSISSIPPI   | AV                              |
| DISANTO AV  | D8                              |
| CKEL ST   | E86                             |
| DEN AV  | E7                              |
| EENY AV   |                                 |
| ERVIEW AV.  |                                 |
|   |                                 |
|   | hington Park                    |
|   | M11                             |
| ON PL   | M12                             |
| LEYDIER AV.   | L11                             |
| SEVULLE AV  |                                 |
| SEYVILLE RO   | M12<br>M12<br>M11<br>M12<br>M12 |
| STGATE AV.  | M12                             |
| MEST BL .   | L13                             |
| RRIET AV  | K11                             |
| L AV  |                                 |
| USTRIAL AV  |                                 |
| ICOLN AV  | r                               |
| NK AV   | K11                             |
|   |                                 |
| RTH PARK D  | R                               |
| RTH PARK DI   |                                 |
| ORTH PARK DI<br>ORTLAND PL.<br>ORDUE AV<br>OSEMONT AV | R M13 M12 M14 M14 M14 M14 M14   |

| 37TH ST-NK1         |   |
|---------------------|---|
| 38TH ST-N K1        |   |
| 39TH ST-NK1         |   |
| 40TH ST-NK1         |   |
| 41ST ST-N           |   |
| 42ND ST-NK1         |   |
| 43RD ST-NL1         | 3 |
| 44TH ST-N           |   |
| 45TH ST-N           | 1 |
| 46TH ST-N           |   |
| 47TH ST-N           | 1 |
| 48TH ST-NL1         | 1 |
| 49TH ST-NL1         | 1 |
| 50TH ST-N L1        | 1 |
| 51ST ST-NL1         | 1 |
| 52ND ST-N           | 1 |
| 53RD ST-N           | 1 |
| 54TH ST-N           | 1 |
| 55TH ST-N           | 2 |
| 56TH ST-N           | 2 |
| 57TH ST-N           | 3 |
| 58TH ST-N           | 2 |
| 59TH ST-N           | 3 |
| 60TH ST-NM1         | 3 |
| 61ST ST-NM1         | 3 |
| 62ND ST-NN1         | 3 |
| 63RD ST-NN1         | 2 |
| 65TH ST-NN1         |   |
|                     |   |
| Unincorporated Area |   |
| Unincorporated Area |   |
| AMELIA DR           | 2 |
| AUDUBON AV          | 3 |
| BELLEVUE DA         |   |
| BRINSON RD          |   |
| BUNKUM RDP1         | 1 |
| BURBANK LN          |   |
| CAMP JACKSON RD     | 2 |
| CARROL CT           |   |
| CELESTE CT          |   |
| CENTER RD           |   |
| CHURCH RD           |   |
| COVINA CT           |   |
| CURTIS LN           |   |
|                     | • |

| Unincorporated Area                   |
|---------------------------------------|
| MELIA DRJ                             |
| JOUBON AV                             |
| ELLEVUE DR                            |
| RINSON RD                             |
| UNKUM RDP1                            |
| JRBANK LN QI<br>AMP JACKSON RD        |
| ARROL CT                              |
| ARROL CT JELESTE CT PO                |
| ENTER RD                              |
| HURCH RDMS                            |
| OVINA CT                              |
| ELMAR DROI                            |
| ELMONTE DR                            |
| ONNA ST                               |
| MST                                   |
| OREST BL                              |
| OUR CORNER LN                         |
| REDERICK PL                           |
| REEMAN AV                             |
| ADYS OR                               |
| ROTTO RD                              |
| GH STN10                              |
| OGENE AVN10                           |
| O ANN AV                              |
| DITH OR                               |
| GUNA DR                               |
| ORRAINE DR                            |
| DRRAINE DR                            |
| ADISON RD                             |
| AIN STPC                              |
| ARY ST                                |
| C KINLEY AV                           |
| ARY ST                                |
| OUSETTE LN                            |
| DRENE ST                              |
| ORTH RD MS                            |
| ENOIS LN JOBIN CT JOCK SPRINGS RD M10 |
| OBIN CT                               |
| OCK SPRINGS RD                        |
| MARC DR                               |
| RBAN DRM16                            |
| ALLEY VIEW DR                         |
| OLET DR                               |
| ATTS AVN13                            |
| OODCREST DRQ                          |
| OODCREST DRQ                          |
| OTH STNE                              |
| ST ST010                              |
| ND ST                                 |
| TH ST                                 |
| ST STP10                              |

